青海省虻科一新种及二种雄虻记述

(双翅目：虻科)

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本文记述青海省瘤虻属一新种，以及过去未记载的 *Haemetopota ustulata* (Kröber), *Tabanus grandicaudus* Xu, 的雄虫。模式标本保存于中国科学院动物研究所。

1. 无带瘤虻 *Hybomitra (Tibetomyia) afasciata* 新种(图 1)

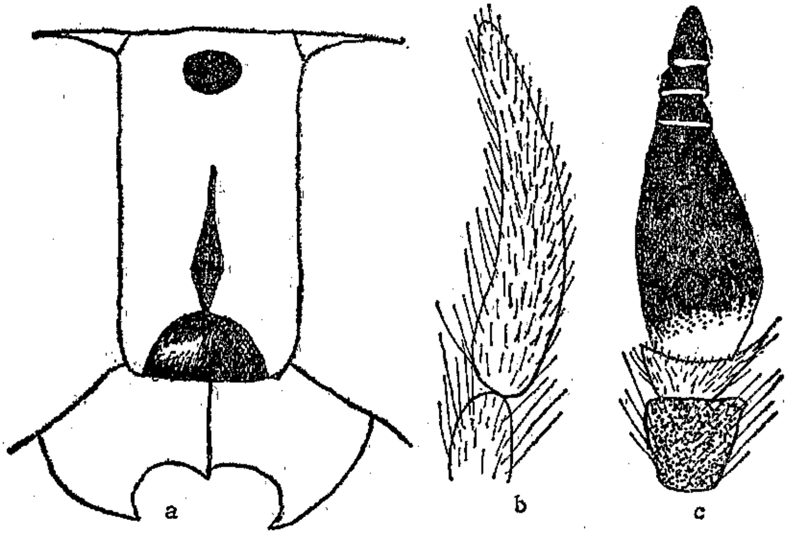

图 1　无带瘤虻 *Hybomitra (Tibetomyia) afasciata* sp. nov. (♀)
a. 前额；b. 下颚须；c. 触角

雌虫体长约 13 毫米。

头部　复眼无带，密覆棕色短毛。前额灰色，两侧大致平行，具黑毛；额带宽，基部宽度约为高度的 1.7—2.5 倍。基胛圆形，具黑色光泽，两侧与眼分离；中胛矛头状与基胛相连；单眼瘤黑色，圆形，头顶具长黑毛。亚胛灰色；颊与颜灰色，具长白毛。触角柄节具灰色粉被及长黑毛；梗节红棕色，具黑毛；鞭节黑色，较窄长，仅基部红棕色，背缘具不甚明显的钝突；环节粗短，分 3 节，黑色。下颚须第 2 节窄长，浅棕色，具长白毛及黑毛。口毛白色，长而密。

胸部　盾片及小盾片黑色，具黑、白两色长毛。侧板及腹板黑色，主要密覆长白毛及

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少量黑毛。翅透明，翅脉棕色，横脉处具棕色斑，R_4 脉无附脉。足股节黑色，前足股节具黑色长毛，中、后足股节具白色长毛；前足胫节基部 4/5 棕色，其余部分黑色，中、后足胫节棕色，具白色长毛及黑毛；跗节棕色，具黑色短毛。平衡棒棕色，棒头黑色。

腹部　背板黑色，具白毛，第 2 节两侧具不明显的棕色小斑，每节具浅色毛后缘。腹板黑色，具薄的灰色粉被，每节后缘具细白带。

雄虫　未详。

正模♀，青海祁连山，2800 米，1977. VII. 29，王遵明采。副模 6♀♀，采集地同正模。

本种相似于 *Hybomitra* (*Tibetomyia*) *mai* (Liu)，但前者复眼无带，基胛明显、圆形，腹部背板无明显三角形斑。瘤虻属复眼通常有 3 条带，本种复眼无带在本属内属罕见。

2. 赤褐麻虻 *Haematopota ustulata* (Kröber) (图 2)

雄虫体长 9 毫米。

头部　复眼上半部 4/5 黄棕色小眼面大于下半部 1/5 深棕色小眼面。两触角间具天鹅绒斑。颜及颊具灰色粉被及白毛。颊上半部有许多黑色小点。触角柄节卵圆形、黑色，覆灰色粉被及白毛；梗节短、具黑毛；鞭节宽扁、橙色，基部具黑毛，环节部分黑棕色。下颚须第 2 节浅棕色，具浅黄色长毛、卵圆形。口毛浓密，浅黄色。

胸部　盾片黑色，具灰色条纹，盾片两侧及翅前胛均为灰色，小盾片黑色，中央具大型灰色斑。整个胸部均覆浅黄色长毛。胸侧板及胸腹板灰色，覆浅黄色长毛。翅棕色，具云朵状花纹，翅尖带单一，不达到翅后缘，翅后缘具不明显的白斑。前足股节灰色，具黑毛；胫节深棕色，仅基部 1/5 浅棕色，中、后足股节棕色具长白毛、中、后足胫节棕色，具有 2 个浅色环；中、后足跗节除基部浅棕色外，其余部分亦呈黑色。平衡棒浅黄色，仅棒头棕色。

腹部　背板黑色，每节具浅色后缘，第 4—6 节两侧具白色圆形斑，第 2 节中央具灰色三角形斑，整个背板具黑毛。腹板灰色，每节具浅色后缘。

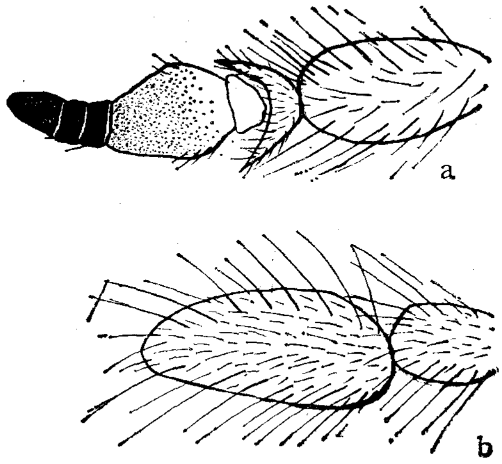

图 2　赤褐麻虻 *Haematopota ustulata* (Kröber) (♂)
a. 触角；b. 下颚须

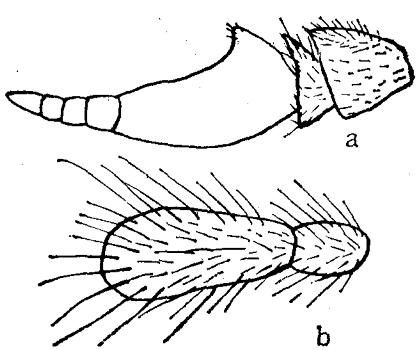

图 3　大尾虻 *Tabanus grandicaudus* Xu (♂)
a. 触角；b. 下颚须

标本记录：青海湟中 2700 米，1977. VIII. 16.

3. 大尾虻 *Tabanus grandicaudus* Xu (图 3)

雄虫体长 20 毫米。

头部　复眼上半部 2/3 棕色小眼面大于下半部 1/3 黑色小眼面。头部大于胸、腹部。亚胛与颊具黄色粉被及同色毛。触角柄节及梗节浅棕色，具黑毛，鞭节橙色、窄长，有明显的背角。下颚须长卵圆形，浅棕色，具黄色毛。口毛黄色。

胸部　盾片覆盖黄灰色粉被，具黄毛及少量黑毛。小盾片与盾片色同。侧板及腹板色同盾片，具浓密黄毛。翅透明，翅前缘室黄色，R_4 脉无附脉。足股节黄灰色，具黄毛；前足胫节基部 2/3 黄白色，其余部分黑色，中、后足胫节黄白色，仅端部黑色；跗节黑色，具同色毛。平衡棒黄色，棒头棕色。

腹部　背板黄色，密覆金黄色毛，仅第 6、7 节黑色，同色毛。腹板同背板。

标本记录：四川峨眉山 1800—2000 米。1957. VIII. 27.

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ON A NEW SPECIES AND TWO UNKNOWN MALES OF TABANIDS FROM CHINA (DIPTERA: TABANIDAE)

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This paper describes a new species and two males of *Haematopota ustulata* (Kröber) and *Tabanus grandicaudus* Xu. Types are deposited in the Institute of Zoology, Academia Sinica.

***Hybomitra* (*Tibetomyia*) *afasciata* sp. nov.** (fig. 1)

Female. Length 13 mm. Eye unbanded (relaxed). Front broad with brown short hairs, parallel-sided, index 1:1.7—2.5. Basal callus round shiny black, separated from eye laterally. Middle callus spear connected with basal callus. Ocellar tubercle black, round. Vertex with black hairs. The scape gray pollinosed and with black long hairs; pedicel red-brown, with black hairs; flagellum black, rather narrow and long red-brown basally, dorsal angle indistinct, style stubby. Palpal II narrow long brownish with long white hairs and black hairs. Beard white, long and dense. Scutum and scutellum black mixed with black and white long hairs. Pleura and sternum black with dense long white hairs and a few black hairs. Wing hyaline, vein brown, wing spots along cross-vein, vein R_4 without a spur vein. Femora black, fore femora with black long hairs, mid and hind femora with white long hairs; basal 4/5 of fore tibiae brown, the remainder black, posterior four tibiae brown with long white and black

hairs; tarsi brown, with short black hairs, Halteres brown, knob black. Abdominal tergites black with white hairs, tergite II with indistinctsmall brown spot laterally. Each tergite with pale posterior margin. Sternites black, with thin gray pollinose, covered with dense white hairs and with narrow white band at the posterior margin of each sternite.

Male. Unknown.

Holotype ♀, Qilian Mountains, Qinghai Province, 2800 m. July 29, 1977, collected by Wang Zun-ming. Paratypes 6♀♀ same as the holotype.

This new species very similar to *Hybomitra* (*Tibetomyia*) *mai* (Liu), but differs in having eyes unbanded (relaxed), basal callus round and distinct, without distinct triangles on the tergites.

Haematopota ustulata (**Kröber**) (fig. 2)

Male. Length 9 mm. Facets of upper area of eye larger than the lower. Subcallus with a velvety black spot. cheeks and face with gray pollinosity and dense white hairs. Scape oval shaped, black; pedicel small with black hairs; flagellum orange colored, with black hairs basally, style stubby. Palpal II oval in shape, brownish, with yellowish long hairs. Beard dense and yellowish. Wing brown, with rosetted spots. Fore tibia with basal 1/5 brownish posterior four tibiae each with two brownish bands. Halteres yellowish, knob brown. Tergites black, with black hairs, tergites IV-VI with round white spots laterally. Posterior margin of each triangle with a pale narrow band, tergite II with gray median triangle.

Records: Huangzhong County, Qinghai Province, 2700 m. July 16, 1977.

Tabanus gradicaudus **Xu** (fig. 3)

Male. Length 20 mm. Facets of upper area of eyes longer than lower. Head longer than thorax and abdomen. Antennae orange, narrow. Palpal II long oral, brownish, with yellow hairs. Thorax and abdomen yellow, covered with concolorous hairs, tergites VI-VII black.

Records: Omei Mountain, Sichuan Province, 1800—2000 m. August 27, 1957.